Dishwasher

Before use
Maintenance
Installation

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Safety instructions

It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is left with the appliance in order that the new owner can get to know the functioning of the appliance and the relevant safety information.

This information has been provided in the interest of your safety. You MUST read it carefully before installing or using the appliance.

Installation

- Check your dishwasher for any transport damage. Never connect a damaged machine. If your dishwasher is damaged, you should contact your supplier.
- For safety reasons it is dangerous to alter the specifications or attempt to modify this product in any way.
- Any electrical and plumbing work required to install this appliance should be carried out by a qualified and competent person.
- The appliance should not be connected to the electrical supply by means of an extension cable.
- Care must be taken to ensure that the appliance does not stand on the electrical supply cable.
- The sides of the dishwasher must never be drilled to prevent damage to hydraulic components.

Child safety

- This appliance is designed to be operated by adults.
- Children should not be allowed to tamper with the controls or play with the product.
- Packaging parts may be dangerous for children, who could even be suffocated! You should therefore keep all packaging well away from children.
- The water in your dishwasher is not for drinking. Detergent residues may still be present in your machine. Keep children well away from your dishwasher when the door is open.
- Keep all detergents in a safe place out of children's reach.

Your dishwasher in day-to-day use

- Items that are contaminated by petrol, paint, steel or iron debris, corrosive, acidic or alkaline chemicals must not be washed in this dishwasher.
- Under no circumstances should you open the door whilst the appliance is in operation, especially during the washing phase, hot water may escape. However, if the door is opened, a safety device ensures that the machine stops.
- Only use products (detergent, salt and rinse aid) specifically designed for use in dishwashers.
- Long bladed knives stored in an upright position are a potential hazard.
- Long and/or sharp items of cutlery such as carving knives must be positioned horizontally in the upper basket.
- When finishing loading or unloading close the door, as an open door can be a hazard.
- Do not sit or stand on the open door.
- Isolate the appliance from the power supply and turn off the water supply after use.
- This product should be serviced by an authorised service engineer, and only genuine spare parts should be used.
- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local consumer services department. Always insist on genuine spare parts.

Disposal

Dispose of the dishwasher packaging material correctly.

All packaging materials can be recycled.

Plastic parts are marked with standard international abbreviations:

>PE< for polyethylene, e.g. sheet wrapping material.

>PS< for polystyrene, e.g. padding material (always CFC-free).

>POM< for polyoxymethylene, e.g. plastic clips.

Cardboard packaging is manufactured from recycled paper and should be deposited in the waste paper collection for recycling.

As and when you cease to use your dishwasher and withdraw it from service, your should render it unserviceable before having it disposed of.

Warning! Children at play could lock themselves in your dishwasher or otherwise endanger their lives. Therefore cut off the power supply cable and make the door closing device unusable to prevent children from being trapped inside.

For the disposing of the appliance please take it to a recycling centre or to your dealer who will, for a small contribution to the costs, dispose it for you.

Economical and ecological dishwashing

- Ensure that the water softener is correctly adjusted.
- Do not pre-wash under running water.
- Select the wash programme to suit the nature and degree of the soiling on the dishes.
- Do not use more detergent, special salt and rinse aid than is recommended in these operating instructions and by the manufacturer of the respective product.

Prior to using for the first time

Before using your dishwasher for the first time:

1. Ensure that the electrical and water connections comply with the installation instructions
2. Remove all packaging from inside the appliance
3. Set the water softener
4. Pour 1 litre of water inside the salt container and then fill with salt
5. Fill the rinse aid dispenser

The water softener

The dishwasher is equipped with a water softener designed to remove minerals and salts from the water supply, which would have a detrimental or adverse effect on the operation of the appliance.

The higher the content of these salts, the harder your water is.

Water hardness is measured in equivalent scales, German degrees, French degrees and PPM (parts per Million).

The softener should be adjusted according to the hardness of the water in your area. Your local Water Authority can advise you on the hardness of the water in your area.

The dishwasher is factory set at position 2.

Water hardness			Water hardness setting	Use of salt
°dH german degrees	°TH french degrees	PPM parts per million		
41 - 50	71 - 90	701 - 900	level 5	yes
30 - 40	51 - 70	501 - 700	level 4	yes
19 - 29	31 - 50	301 - 500	level 3	yes
4 - 18	8 - 30	80 - 300	level 2	yes
< 4	< 8	< 80	level 1	no

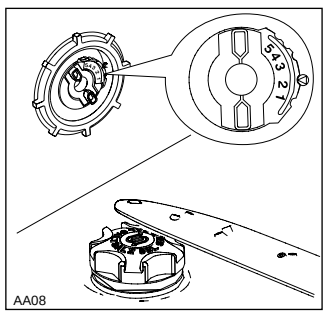
If your water is below level 1 it is already soft and therefore there is no need to use salt. In this case adjust the water softener on level 1 without using salt.

Only for dishwasher models with salt refilling indicator light:

If the water softener has been adjusted on level 1 and no salt is being used, the salt refilling indicator light on the control panel, will always remain illuminated when the machine is switched on.

Setting the water softener

1. Open the dishwasher door.
2. Remove the lower basket from the dishwasher.
3. Turn the water hardness switch until the required level (see table) corresponds with the marker .
4. Replace the lower basket.



Filling with salt

Only use salt specifically designed for use in dishwashers.
All other types of salt not specifically designed for use in a dishwasher, especially table salt, will damage the water softener.
Only fill with salt just before starting one of the complete washing programmes.
This will prevent any grains of salt or salty water, which may have been spilt, remaining on the bottom of the machine for any period of time, which may cause corrosion.

To fill:

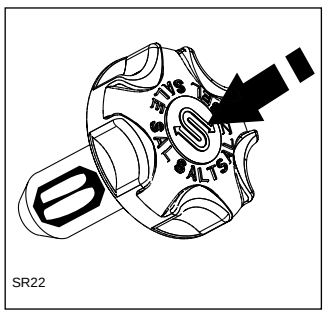
1. Open the door, remove the lower basket and unscrew the cap of the salt container by turning it anticlockwise.
2. Pour 1 litre of water inside the container (**this is necessary only before filling with salt for the first time**).
3. Using the funnel provided, pour in the salt until the container is full.
4. Replace the cap making sure that there is no trace of salt on the screw thread or on the gasket.
5. Screw on the cap tightly turning it clockwise until it stops with a click.

SR14

The salt container will require topping up periodically.

According to the model of dishwasher, you are reminded of this by:

A) The salt cap has a refill indicator window in the centre. A **green** float is clearly visible when there is salt inside the container and almost disappears when the salt has finished reminding you to add salt.


SR22

B) A **salt indicator light** on the control panel will come on when the salt has finished.
The salt indicator light on the control panel can remain illuminated for 2-6 hours after the salt has been replenished, assuming the dishwasher remains switched on. If you are using salts that take longer to dissolve then this can take longer. The function of the machine is not affected.

Do not worry if water over flows from the unit when filling with salt, this is quite normal.

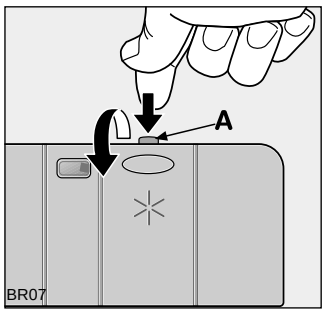
Rinse aid

Rinse aid is automatically added during the last rinse, ensuring thorough rinsing, and spot and streak free drying.
The dispenser, which is positioned inside the door, holds about 110 ml of rinse aid, which is sufficient for 16 - 40 dishwashing programmes, depending upon the dosage setting.

Filling with rinse aid

(Rinse aid dispenser type A)

1. Open the container by pressing the release button (A).
2. Fill with rinse aid exactly up to the level indicator marked "max".



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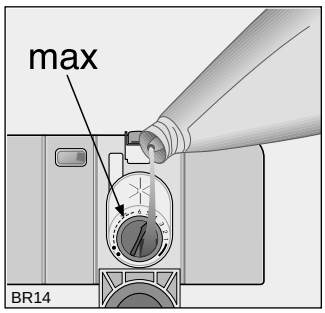

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Ensure that the lid is closed after every refill.

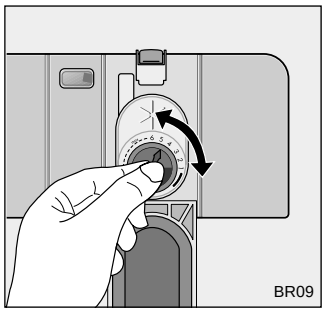
Adjusting the dose

According to the finish and drying results obtained, adjust the dose of rinse aid by means of the 6 position selector (position 1 minimum dosage, position 6 maximum dosage).

Increase the dose if there are drops of water or lime spots on the dishes after washing.

The dose is factory set in position 4.

Reduce it if there are sticky whitish streaks on the dishes.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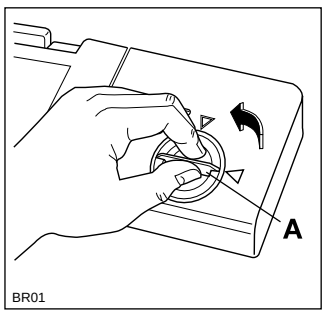
Filling with rinse aid

(Rinse aid dispenser type B)

1. Open the container by turning the lid (A) anticlockwise.
2. Fill with rinse aid exactly up to the level indicator marked "max".



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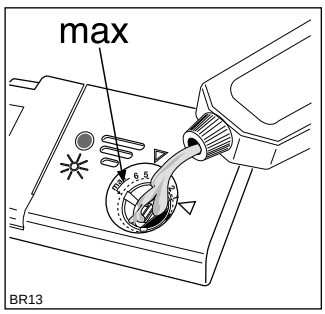

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Ensure the lid is closed after every refill.

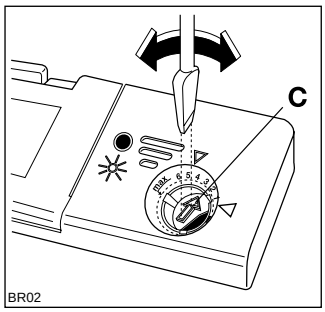
Adjusting the dose

According to the finish and drying results obtained, adjust the dose of rinse aid by means of the 6 position selector (C) (position 1 minimum dosage, position 6 maximum dosage).

Increase the dose if there are drops of water or lime spots on the dishes after washing.

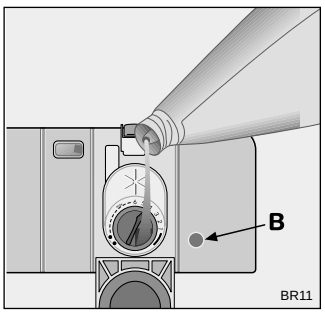
The dose is factory set in position 5.

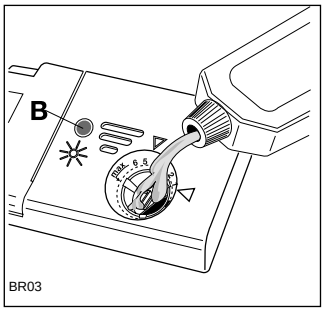
Reduce it if there are sticky whitish streaks on the dishes.



Top up with rinse aid when:

1. The indicator (B) becomes clear,





2. Only for dishwasher models with rinse aid indicator light:
When the rinse aid indicator light on the control panel illuminates *(when the machine is switched on)*.

Clean up any rinse aid spilt during filling with an absorbent cloth to avoid excess foaming during the next wash.

Only use branded rinse aid for dishwashers. Never fill the rinse aid dispenser with any other substances (e.g. dishwasher cleaning agent, liquid detergent). This would damage the appliance.

Use of detergent

Only use detergents specifically designed for use in dishwashers.

We recommend the use of **Finish** detergents.

Using no more then the correct amount of detergent contributes to reducing pollution.

Prior to the start of a wash programme (not for the "Rinse and Hold" programme). The detergent is released during the washing phase.

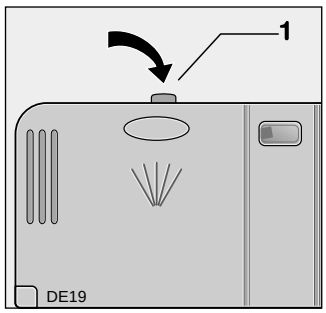
Please observe the manufacturer’s dosing and storage recommendations as stated on the detergent packaging.

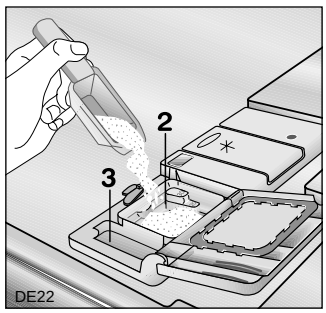
Fill with detergent

(Detergent dispenser type A)

1. If the lid is closed: press release button (1).
The lid springs open.

2. Fill the detergent dispenser (2) with detergent.
The marking indicates the dosing levels:
20 = approximately 20 g of detergent
30 = approximately 30 g of detergent





3. All programmes with prewash need an additional detergent dose (5/10 g) that must be placed in the prewash detergent chamber (3). This detergent will take effect during the prewash phase.

4. Close the lid and press until it locks in place.

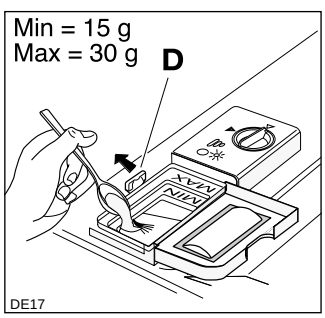
Fill with detergent

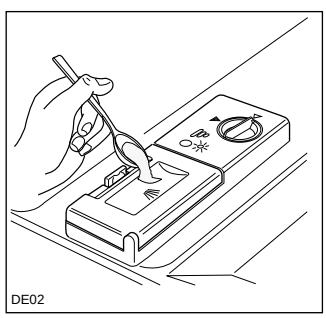
(Detergent dispenser type B)

1. Open the dispenser by pulling the catch (D).
The lid springs open.

2. Fill the detergent dispenser with detergent.
The marking indicates the dosing levels:
Min = approximately 15 g of detergent
Max = approximately 30 g of detergent

3. Close the lid and press until it locks in place.





4. All programmes with prewash need an additional detergent dose (5/10 g) that must be placed over the lid of the dispenser. This detergent will take effect during the prewash phase.

Different kinds of detergent

Detergent tablets

Detergent tablets of different brands dissolve at different speeds. For this reason some detergent tablets cannot dissolve and develop their full cleaning power during short programmes. Therefore please use long programmes when using detergent tablets, to ensure the complete removal of detergent residuals.

Do not place the tablets in the tub or in the cutlery basket as this will result in poorer wash results. The tablets should be placed in the detergent dispenser.

Concentrated detergent

Based on their chemical composition, dishwasher detergents can be split into two basic types:

- conventional, alkaline detergents with caustic components.
- low alkaline concentrated detergents with natural enzymes.

The use of 50°C washing programmes in conjunction with concentrated detergents reduces pollution and is good for your dishes; these wash programmes are specially matched to the dirt-dissolving properties of the enzymes in the concentrated detergent. For this reason 50°C wash programmes in which concentrated detergents are used can achieve the same results that can otherwise only be achieved using 65°C programmes.

Combi detergents

If you are using dishwasher detergent that includes the rinse aid function, this must be placed in the detergent compartment.

In this case the rinse aid compartment must be empty, in order to avoid a double dosage.
If in the rinse aid compartment there is still rinse aid you must wait until it has finished before using these kind of detergents.

Use of "3 in 1" combi detergents

General advice

These products are detergents with integrated and combined detergent/rinse-aid and salt functions.

1. Before using these products you should first check that the water hardness in your supply is compatible with the use of these products as per the detergent manufacturers (on the product packaging).
2. These products should be strictly used according to the detergent manufacturers instructions.
3. If you encounter problems when using 3 in 1 products for the first time then please contact the detergent manufacturers care line (the telephone number is given on the product packaging).

Special advice

When using combination 3 in 1 products select the lowest possible setting for water hardness.

If you decide to turn back to the use of the standard detergent system we advise that you:

- Refill both the salt container and rinse aid dispenser.
- Switch the water hardness setting to the highest possible position and run a normal washing programme without a load.
- Readjust the water hardness setting again according to the hardness of the water in your area.

Maintenance and cleaning

Clean the external surfaces of the machine and control panel with a damp soft cloth. If necessary use only neutral detergents. Never use abrasive products, scouring pads or solvent (acetone, trichloroethylene etc....).

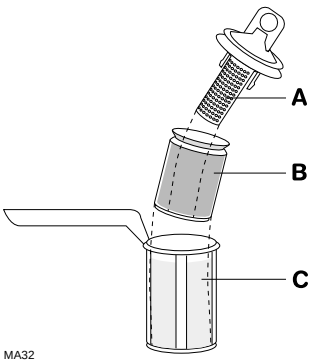
Ensure that the seals around the door, the detergent and rinse aid dispensers are cleaned regularly with a damp cloth.

We recommend the use of **Finish Dishwasher Cleaner** every 3 months or run a 65°C wash programme without dishes using detergent.
Regular use of **Finish Dishwasher Cleaner** cleans inaccessible parts, eliminates unpleasant food odours and helps prevent the build-up of limescale.

Cleaning the filters

The filters in the base of the washing compartment are to a large extent self-cleaning. Nevertheless the filters should be checked and cleaned from time to time. Dirty filters will degrade the washing result.

1. Open the door, remove the lower basket.
2. The dishwasher filter system comprises a coarse/fine filter (**A/B**), a microfilter (**C**) and a flat filter (**D**).
   Some dishwasher models filter system comprises only a coarse filter (**A**), a microfilter (**C**) and a flat filter (**D**).



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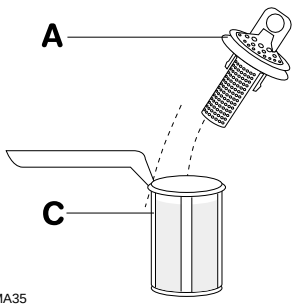

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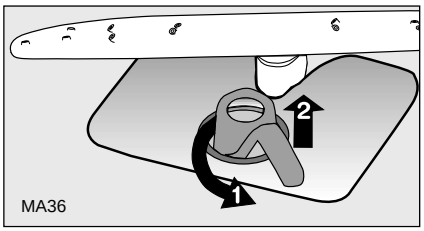
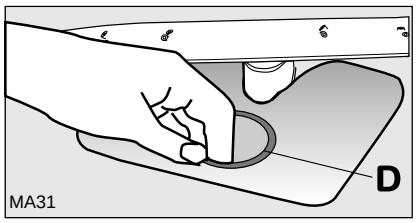
3. Unlock the filter system using the handle on the microfilter (**C**), turn the handle about 1/4 a turn anticlockwise and remove.



MA36

4. Take hold of the coarse/fine filter (**A/B**) by the handle with the hole and remove from the microfilter (**C**).
5. Clean all filters thoroughly under running water.
6. Remove the flat filter (**D**) from the base of the washing compartment and clean both faces thoroughly.



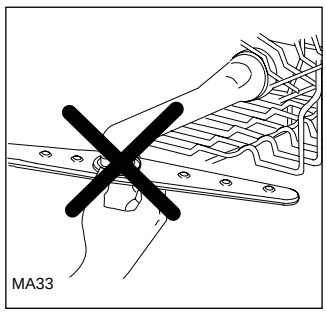
MA31

7. Put the flat filter (**D**) back in the base of the washing compartment.
8. Place the coarse/fine filter (**A/B**) in the microfilter and press together.
9. Put the filter combination in place and lock by turning the handle clockwise to the stop. During this process ensure that the flat filter does not protrude above the base of the washing compartment.

Under no circumstances may the dishwasher be used without filters.
Incorrect repositioning and fitting of the filters will produce poor washing results.

NEVER try to remove the upper spray arm.

If residues of soil have clogged the holes in the upper spray arm, remove them with a toothpick.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Prolonged periods of non-operation

If you are not using the machine for any period of time you are advised to:

1. Unplug the appliance and then turn off the water.
2. Fill the rinse aid dispenser.
3. Leave the door ajar to prevent the formation of any unpleasant smells.
4. Leave the inside of the machine clean.

Frost precautions

Avoid placing the machine in a location where the temperature is below 0°C. If this is unavoidable, empty the machine, close the appliance door, disconnect the water inlet pipe and empty it.

Moving the machine

If you have to move the machine (moving house etc....):

1. Unplug it.
2. Turn the water tap off.
3. Remove the water inlet and discharge hoses.
4. Pull the machine out together with the hoses.

Avoid over tilting the machine during transportation.

What to do, when...

Certain problems are due to the lack of simple maintenance or oversights, which can be solved with the help of the instructions given here, without calling out an engineer.

...there are problems when operating the dishwasher

The dishwasher will not start or stops during operation. All push buttons are inoperative except for the On/Off push button. Press the On/Off push button to switch the dishwasher off and carry out the following suggested corrective actions.

Malfunction	Possible cause	Solutions
The machine does not fill with water.	The water tap is blocked or furred with limescale.	Clean the water tap.
	The water tap is turned off.	Turn the water tap on.
	The filter (where present) in the threaded hose fitting at the water inlet valve is blocked.	Clean the filter in the threaded hose fitting.
	The water inlet hose has not been correctly laid or it is bent or squashed.	Check the water inlet hose connection.
The dishwasher will not drain.	The siphon is blocked.	Clean out the siphon.
	The water drain hose has not been correctly laid or it is bent or squashed.	Check the water drain hose connection.
The programme does not start	The dishwasher door has not been properly closed.	Close the door.
	The main plug is not plugged in.	Insert the mains plug.
	The fuse has blown in the household fuse box.	Replace the fuse.
	For dishwasher models with delay start option: Delay start has been selected.	If dishes are to be washed immediately, cancel the delay start.
There is a whistling noise during washing	The whistling is not a cause for concern.	Use a different brand of detergent.

Once the checks have been carried out, press the On/Off push button, the programme will continue from the point in which it was interrupted. If the malfunction reappears contact your local Service Force Centre.

...the wash results are not satisfactory

The dishes are not clean

- The wrong washing programme has been selected.
- The dishes were arranged in such a way as to stop water reaching all parts of the surface. The baskets must not be overloaded.
- The spray arms do not rotate freely due to wrong arrangement of the load.
- The filters in the base of the washing compartment are dirty or incorrectly positioned.
- Too little or no detergent has been used.
- Where there are limescales deposits on the dishes; the salt container is empty or the wrong level of the water softener has been selected.
- The drain hose connection is not correct.
- The salt container cap is not properly closed.

The dishes are wet and dull

- Rinse aid was not used.
- The rinse aid dispenser is empty.

There are streaks, milky spots or a bluish coating on glasses and dishes

- Decrease rinse aid dosing.

Water drops have dried onto glasses and dishes

- Increase rinse aid dosing.
- The detergent may be the cause. Contact the detergent manufacturer’s consumer care line.

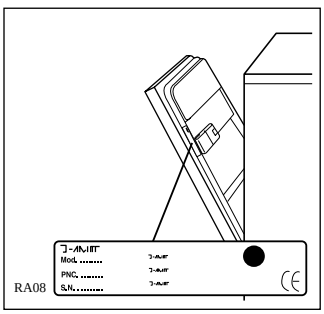
If after all these checks, the problem persists, contact your local Service Force Centre, quoting the model (Mod.), product number (PNC) and serial number (S.N.).
This information can be found on the rating plate located on the side of the dishwasher’s door (see picture).

So that you always have these numbers at hand, we recommend you to make a note of them here:

Mod. : . . . . . .

PNC : . . . . . .

S.N. :. . . . . .



Installation instructions

Any electrical and/or plumbing work required to install this appliance should be carried out by a qualified electrician and/or plumber or competent person.

Remove all packaging before positioning the machine.

If possible, position the machine next to a water tap and a drain.

Water supply connections

This dishwasher may be fed with either hot (max. 50°) or cold water (See "Technical specifications" - Instruction book part 2). Nevertheless we advise you a cold water supply.
A hot water supply is not always efficient with very soiled crockery as it shortens the washing programmes a lot.

For making the connection itself, the coupling nut fitted to the machine's supply hose is designed to screw onto either a 3/4" inch gas thread spout or to a purpose made quick-coupling tap such as the Press-block.

The water pressure must be within the limits given in the "Technical specifications". Your local Water Authority will advise you on the average mains pressure in your area.

The dishwasher features fill and drain hoses which can be turned either to the left or the right to suit the installation.
The locknut must be correctly fitted to avoid water leaks.

The water inlet hose must not be kinked, crushed, or entangled when it is being connected up.

The dishwasher features fill and drain hoses which can be turned either to the left or the right to suit the installation by means of the locknut. (***Attention! NOT*** *all models of dishwashers have fill and drain hoses provided with locknut. In this case, this kind of facility is not possible*).
The locknut must be correctly fitted to avoid water leaks.

If the machine is connected to new pipes or pipes which have not been used for a long time, you should run the water for a few minutes before connecting the inlet hose.

Do not use, for connection, old hoses which have been used in another appliance.

The dishwasher is fitted with safety devices that prevent the wash water returning into the drinking water system and comply with the applicable plumbing regulations.

Water outlet hose connection

The end of the drain hose can be connected in the following ways:

1. To the sink outlet spigot, securing it to the underside of the work surface. This will prevent waste water from the sink running into the machine.
2. Hooked over the edge of the sink using the special curved plastic guide provided *(if provided with the machine)*.
3. To a stand pipe provided with vent-hole, minimum internal diameter 4 cm.

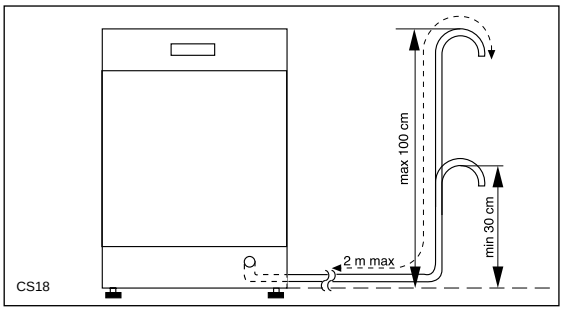
The waste connection must be at a height of between 30 cm (minimum) and 100 cm (maximum) from the bottom of the dishwasher.

The drain hose can face either to the right or left of the dishwasher

Ensure the hose is not bent or squashed as this could prevent or slow down the discharge of water.

The sink plug must not be in place when the machine is draining as this could cause the water to siphon back into the machine.

If you use a drain hose extension it must be no longer than 2 metres and its internal diameter must be no smaller than the diameter of the hose provided.



Likewise the internal diameter of the couplings used for connections to the waste outlet must be no smaller than the diameter of the hose provided.

Attention!
Our appliances are supplied with a security device to protect against the return of dirty water back into the machine.
If the spigot of your sink has a "no return valve" incorporated this can prevent the correct draining of your dishwasher.
We advise you therefore to remove it.

Electrical connection

This appliance must be earthed.
The manufacturer declines any responsibility should this safety measure not be observed.

The appliance should not be connected to the electrical supply by means of an extension cable.

If the plug that is fitted to your appliance is not suitable for the socket, it must be cut off and the appropriate plug fitted.

Important
The wires on the mains lead are coloured in accordance with the following code:

Green and Yellow - Earth

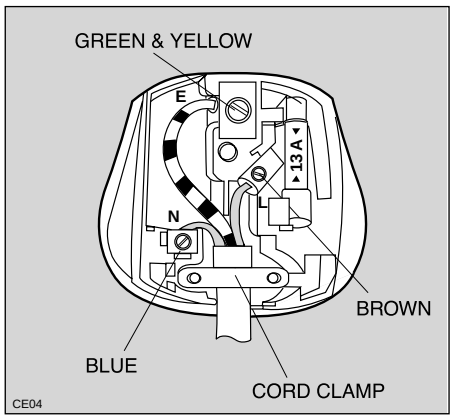
Blue - Neutral

Brown - Live

If you fit your own plug, the colours of the wires in the mains lead of your appliance may not correspond with the markings identifying the terminals in your plug.

Proceed as follows:

1. Connect the Green and Yellow (earth) wire to the terminal in the plug which is marked with the letter "E" or the earth symbol ⏚ or coloured green and yellow.
2. Connect the Blue (neutral) wire to the terminal in the plug which is marked with the letter "N" or coloured black.
3. Connect the Brown (live) wire to the terminal in the plug which is marked with the letter "L" or coloured red.



The plug moulded onto the lead incorporates a 13amp BSI362 fuse. Only ASTA or BSI fuses should be used.

The plug must not be used if the fuse cover/carrier is lost. The cover/carrier is indicated by the coloured insert at the base of the plug.

A replacement cover/carrier must be obtained from your local Service Force Centre.

To isolate the dishwasher from mains, remove the mains plug.

Important!
The plug must still be accessible after the appliance has been installed.

In case that the electrical cable has to be replaced, please contact your local Service Force Centre.

This appliance complies with the following E.E.C. Directives:
- 73/23 or 19.2.73 (Low Voltage Directive) and subsequent modifications;
- 89/336 or 3.5.89 (Electromagnetic Compatibility Directive) and subsequent modifications.